

Among the Men who Work A with Hand or Brain



Temperament a Vital Force in the Business World.

E is the best salesman in the city."
The remark was seamed by several of a group of coal men, who had drifted together on the street and were discussing the members of their oraft. Every one was giad to pay tribute to the young man who at 27 had won a presentent place for himself in the coal trade. Competitors might envy, but none would begrudge the result; all were interesting in the last of the coal in talking about the great of it. ed in talking about the secret of it.
"Works like a steam engine," ventured

'Is a tip-top fellow," chipped in another. "Never disappoints his customer," said a

Other plausible measons were offered, but every one felt them insufficient to explain so unique a success. Older men had possessed these same qualifications, separately and combined. There was, indeed, some individual secret about it. Presently an old timer spoke-up, deliberately and gravely.

Secret of First Successes.

"I have long studied that young man," he began, "land long wondered at him. We were in the same office together, Els sales were jurge. In seasons of hard sledging his every one telt them insufficient to explain so

were large. In seasons of hard sledding his work was phonomenal. If there was no de-mand he would create h, bring in orders for coal marked 'urgent' by the dealer, when the tracks were loaded with 'hold' stuff. There was a dash and daring about his opera-tions which astonished and then attracted the average buyer.

"I remember one summer several years ago when 'Hocking' was a 'drug,' he sold trainloads of it about town. His method was a mystery, but we felt sure he was honest, and when the facts leaked out later, both to myethery and honesty were well founded. He had undertaken what no normal tempera-



a large tonnage was being secured, large

had undertaken what no normal tempera-ment would have ventured to do, or could have succeeded in doing. He had sold the was secured. The beauty of his work con-

Pay Roll of Modern Factory which shines in his eyes and vibrates in his vice. It is no or extravagant nor artificial, always subdued and effective. Exacts Ceaseless Vigilance. By A. G. Hunter.

EID task of getting out a pay roll for to see that the work of keeping the files 5,000 or 10,000 people is not the sim- up to date is quite complicated and extenplest in the world. It is a particularly sive.

"quit" among shopmen so much as to have
There are few big shops nowadays that
do not keep a pretty close scrutiny on the
time of the individual workman. The time
is past when a man can step into the shop,
work all day at his bench or machine, and
go out at night leaving only a record of the
total hours worked. For shop work is now
pretty generally conducted on specific shop
orders.

"quit" among shopmen so much as to have
errors occur in their pay.

There are some petty annoyances outside
the possible errors which have to be adjusted
with more or less "red tape," which can
searcely be classified as part of the regular
routine of the pay roll department, but which
that department has to put up with. Prominont among these is a request for wages be-

Results Must Be Recorded.

This makes it imperative for every work-man to leave behind, at the end of his day's work, a record of what he has done as well as the total hours he has worked. Many, schemes have been devised to do this, of which the most practical has proved to be through a system of time tickets. These tickets form the basis of pay roll work in

such a factory.

In nearly all of the big firms some kind of time registers have been installed for the establishment and check of the employes' time. Through the system of time tickets this time is divided into as many parts as the workmen spend on different classes of work. In the big plant where a variety of manufacture is carried on the number of tickets will be necessarily large. In factories where from 5,000 to 10,000 report for work from 20,000 to 40,000 of these tickets will be used cuch week. Each ticket has to be handled indi-vidually in the pay roll department, for it constitutes the basis upon which the work-

Pay Roll Requires Much Work.
The gathering of data and getting them into convenient form for use is the biggest part of the work connected with arranging the pay roll. The starting and checking of the "day work" time records, the rating, checking, extending, and entering of the "piece work" credits, the adjusting of accounts of new employes, and the scrutiny of the clock records to prevent shortages in pay, are the things which occupy the bulk of the time of the clerks of the pay roll department. This part of the work having been done, the actual work of figuring the roll is a simple matter.

The pay roll department, above all others, is a place where things must be kept moving. Work must not be allowed to pile up on any clerk. He must finish today's work today. for with tomorrow will come a fresh lot of business just as important.

business just as important.
Where employes are paid every week it has been found most practicable, in the larger farms, not to pay all on the same day. The task of handing out 10,000 pay envelopes, one by one, would alone be too much for one day.
The roll is divided into sections, usually one for each day, or, better still, to suit the con-ditions of the factory and convenience of the pay roll department and paymasters. In this way the work is made to run smoothly.

Files Must Be Up to Date.

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In addition to the work of arranging for the payment of wages, the modern pay roll department must maintain a great mass of records. This department is official keeper of nearly every record which the firm mainof nearly every record which the into himstains in connection with its employes. And upon the successful keeping of these records depends, to a great extent, the general efficiency of the department as a whole.

One of the biggest jobs in connection with

One of the biggest jobs in connection with pay roll records and one which calls for a cool head is keeping the list of employés up to date. The taking out of names of employés who have left and the entering of new ones is of the utmost importance. Slackness in this work soon causes an overcrowding and is sure to work havoc in the system. It may be interesting to know that actual observation in a plant where \$,000 employés are registered has shown that an average of thirty to fifty leave every day. This, of course, is a small percentage, and is only an indication of the conditions in every firm of the size, but when we conday. This, of course, is a small percentage, and is only an indication of the conditions in every firm of the size, but when we consider that in order to maintain the shop to its full capacity a new employs must be conditions of prosperity till prevail in the country, and the best blood of the farming

Fig. 100 or 10,000 peop.

plest in the world. It is a particular plest in the world. It is necessary to handle the time of workmen in several forms. To get each man's pay receipt to him at the proper time and the amount of pay correct in each case calls for pretty carepay coursey is required, for the really "lick-lish" spot in every man's anatomy is that which has to deal with his wages. Nothing will breed disantisfaction and a desire to "among shopmen so much as to have

nent among these is a request for wages be-fore pay day. This is particularly annoying just before a holiday. I have seen as many as 200 men call at the pay roll department on such occasions.

Errors Will Slip Through.

The pay roll department more than any other is a place where a high class of work is necessary. Errors here must be reduced to a minimum. A few are bound to slip through, but the scarcity of them in the well organized department is almost amazing. Every step of the work is carefully checked. and it should be, for it deals with one of the most important of all the details of the busi-ness. The employe insists upon and is en-titled to every cent due him, while the employer, on the other hand, is just as firm in his demands that there shall be no overpay-ments. This department is really the con-necting link between employer and employé. and is as responsible to the one as to the other. It calls for careful management, but when conducted on systematic principles be-comes an interesting place to work. Pay roll work has been revolutionized within the last decade through the introduction and application of improved office appliances, such as time registers, comptometers, the addressograph, and the like, and a trustworthy boy can now do to better advantage the work that formerly required the services of three

By John Benson.

sisted in the fact that he had made no as- Remonstrance had no effect on him and he surances to any one, had won people over by his own contagious enthusiasm and belief. That is his secret-a subdued enthusiaem,

Has the "Selling Temperament."

"One season we had a bad rum of coal. The stuff was below standard, but he sold it persistently. I nover knew him to say it was good or mislead any one to believe so. it was good or mislend any one to believe 52. Complaints rained into the office. People would come in loaded with resentment, and incredible as it may seem, would go out at peace with the world after having bought some more coal. They seemed eager to deal with him, to feel in a vague sort of way that he could do them a great deal of good; and when they awoke to the fact of a loss they could not blem they always the statement. He had they could not blame the salesman. He had not induced them to buy in so many words; he had assumed they would buy as a matter of course, and that assumption seemed to be irresistible. temperament."

The story was characteristic. Every one They recognized the brilliant young salesman. It, ness the old man's analysis of him. They had not it thought so themselves, but never quite understood it so clearly. It was a singular in be at stance of a temperament suited to its work. There are many more that ances of business favor areas sales were the surface of the stance of the sales were constructed by the sales were constructed to the sales were construc careers being wrecked by unsuitable temper-

Man Who Needed to Fight.

A bright young fellow keeping records in an office made little progress. He was clear headed and alert a manly, amiable disposi-tion, when every one liked and wished to aid. He worked hard. But somehow he accomplished little. His work fell behind. When his employers began to study him the difficulty gradually dawned upon them. They observed that he was easily distracted by any commetion; if a fire engine passed by he any commotion; if a lire engine passed by me was the first to reach a window, and it took him a long time to settle down after the excitement. His muscles were forever twitching, his legs forever shifting. The fellow was using up energy continually, to keep his energy down. It soon became evident that he had no bookkeeping temperament.

One day he told the boss he was going to quit: he could not stand it any longer. "Stand what?" queried the boss.

"Reading in the papers about boxing—my muscles itch to get at it every time I read of a fight. I can't stay here any longer."
"But, Jack, that is a poor game in the end; it is hazardous, and after you fail in it no

business wants to employ you."
"Can't help it. I am as hard as nails and have trained all my life. I have got to have a rap at somebody soon."

entered the ring. He was a clean boy, well kept, and made some money with the gloves. It was his temperament to fight, not to keep books.

Peril in Warring with Job.
There are clever accountants who have a gambling instinct. The steady routine of figures is uncongenial. They love to take chances. Figures are a stone wall to that sort of men; if there is anything certain in life it is figures. It is a mistake to think that such men are shiftless. They may have strong wills and do their work well. But it is never congonial. They should be in some business which depends upon chance tem-

The fellows who go wrong and "take a to feel in a vague sort of way to do them a great deal of good; chance "with their employers' money are they dwoke to the fact of a loss inct blame the salesman. He had it them to buy in so many words; turned they would buy as a matter instincts might be reasonably satisfaed. Beind that assumption seemed to be In other words he had a selling gamble for relief.

Some needle are of the oversenality acri.

Some people are of the oversensitive sort. They cannot stand being jarred. In a business organization many separate wills cannot be expected to get along without friction. Rivairies will arise; preferences will be shown. Fairly or unfairly, one man will be promoted above another, one man will be favored over another. Under the stress of chance and business exigency such things cannot be avoided. A crop of soreheads re-sults. They stand in their own light. Sometimes they make trouble and get themselves into trouble, all because they are not the people." whose blood and judgment are so well commingled that they are not a pipe for fortune's fingers to play what stop she

Case of Ruin by Sulks.

The story is told of a young man who had worked his way up to the head of an office worked his way up to the head of all others.

In St. Paul, when a change of management occurred. A new manager was appointed and brought with him his office assistant. The young man was rotained at his old pay in a slightly inferior capacity. His pride was hurt; he did nothing to aid the new chief in his work, sulked when he should have smiled. The manager was fair; warned him several times of his mistake, and finally offered him a place on the road for the good of all concerned. The foolish boy fancied he was being plotted against—put out on the road to be rid of—and made himself and his employer so uncomfortable that dismissal resulted. It was the ruin of a capable man whose temperament was too sensitive for potential ordinary business.

ment of its executive. The tendency to carp or find fault with the employes is fatal to

influence. Many an able leader has failed to carry out his plans because he could not control himself or inspire his men. The fussy man has no place at the head of a business.

This is a world of compromises, and there

selves to them. They are the overscrupulous sort. Men skilled in their own trade often spoil their usersfiless by a narrow absorption

Adjust Yourself to Win.

Adjust Yourself to Win.

After the formation of a cortain combine of producing interests at Pittsburg a well known auditor was appointed to reduce to uniformity the individual noccunting systems which had been in use. It was a mathematical problem, and is was an expert at figures. But he made a mess of the undertaking. To his mind figures were all there was to business, and to compromise in the least with his pet methods seemed unthinks-ble. The various heads of the officer in way—able salesmen, etc.—who were not always modern in their bookkeeping methods. Like all of human nature, they prided themselves on the things they were least pronneives on the things they were least profi-cient in doine, and resented some of the minor improvements made in the accounting. It seemed a case of safeguarding essentials by sacrined a case of satisfactoring observations in tactfully yielding on minor points, but to the auditor's notion such compromises were a breach of that fine spun logic—the harmony of figures—in which he had been reared, all forgetful of the more essential harmony of facts. There resulted friction with the heads, and the auditor was recalled.

and the auditor was recalled.

In life insurance service temperament plays so large a role that it is a decisive qualification for an agent. If his temperament is not proof against the uncertainties, sudden successes, and protracted periods of failure incident to life soliciting it is useless to venture in the business. His other abilities will not avail him.

Whatever may be said about the fitness of the low spirited lose in the race for success.

Painting of Blackened Eyes; W New Industry for Artists. By Francis Delaney.

But painting a blackened eye is not an easy thing for the average painter to do. There are varying degrees of blackeness of

There are varying degrees of blackness of the eye, there are varying positions for the settling of the pigment under the lids, there are variations in the protruding of the eye brows, and in the shadow effects in an uninjured eye itself there are possibilities for the inexperienced artist's making the other eye in the whitemed contrast worse than bestand out in whitened contrast worse than be-

fore.
All of this is suggestive of a new industry in the great cities—that of the artist studio which has for its one feature the elimination of the black eye in any and all of its

One hundred blackened eyes every twentyfour hours in Chicago is a conservative police figure. At least 80 per cent of those receiving these distinguishing marks would be willing and able to pay, according to a sliding scale, to have them painted out. The range of prices would be according to the degree of humiliation which the disfigurement carried, together with the ability of the disfigured one to pay. There would be ne the darfug of the pay. There would be no line of caste drawn, either, as to the humilation of the eye. The bruiser who might get "a colored lamp" unexpectedly from another pair of knuckles would be as sensitive to the disfigurement as any young society masher who didn't know the husband or brother was so close at hand and so

Millions in the Idea.

There are millions in the idea, active and

ordinary business.

The harmony and effectiveness of an organization depends much upon the temperament of its executive. The tendency to carp it in the face of the man of the ornamented lamp, but the first application of the brush

AINTING OUT a black eye approaches realism in art so closely that the person ten feet from the painted eye cannot toll where the skin stops and the brush color begins. Incidentally, as the knowledge of the art has spread, a few victims of fisticuffs have appeared now and then to a few artists who may have been surprised themselves at an order, and then have experimented with the application of fiesh colored paint.

But painting a blackened eye is not an that with water colors the excretions of the skin will start the pigment to running. In the oil paint, too, it will need to be remembered that turpentine cannot be used as a drier for two reasons: First, that a touch of the paint so charged will blind the eye if it comes in contact with the lids; and, second, that when turpentine is used it dries in puckering fashlon not at all arithic.

Japan will furnish a harmless drier that acts naturally in the drying process. For the operation of painting out the blackened eye, the painter backs his patient's head into a barber's chair headrest, with both the pailent's eyes impartially in the light. The idea is not only to paint out the blackened

idea is not only to paint out the blackened blackened eye a perfect likeness of the other

Effect Is Naleidoscopic.

Taking the lights and shadows that naturally fall upon the eye the kaleldoscopic effects of a blackened eye are wonderful. The portrait painter who may have painted hun-dreds of canves eyes into his figures and who sits down and tries to make a bad eye resem-ble a good one on the other side of a real nose has the experience of his life with colors.

has the experience of his life with colors.

Two coats of paint will be necessary on a good black eye, with a necessary half day for drying between the coats. There will be no rule for guiding the artist in his color scheme. It will be cut and try from start to finish. He will find colors needed which he had forgotten were in the spectroscope. From the spot where the check bone comes also it the cut for and where the skip nat. close to the surface and where the skin nat-urally is whitest, the shades for the natural eye change and morge and emerge and lighten and darken again until the eye artist

lighten and darken again until the eye artist who puts a double coat of oil on a black-ened eye in sixty-minutes is doing rapid work. Not only will the skin around the eye ned touching up with the brush but the cyclids will need it; and when the skin overywhere is reproduced in natural effects it is quite likely that the cyclashes may need to be done near to better simulate nature.

likely that the cyclashes may need to be done over to better simulate nature.

An artist who knows how should be able to put on an artificial eye that will stick just light enough for three or four days. Where a double coat has been put over an unusually dark optic, four days of the paint will be sufficient to make a second application of one coat do. Frequently in applying the paint a glossy effect may be produced, but the artistic distribution of a little powder will dissipate the unnaturalness and shine. For a artistic distribution of a little powder will dis-sipate the unnaturalness and shine. For a genuinely black eye the wearer will have to count upon two treatments at least before he can appear in public without "sitting" for

Don't All Result from Fighting.

Five deliars an eye may be considered as a fair average price for an optical lilusion at the hands of an artist. Ten deliars cught to be easy enough in hundreds of cases, while \$25 in a ripened emergency isn't impossible. The man who would not pay \$2.50 for a bit of one coat work naturally would be a man who had no regard for appearances in any way.

Most people without experience of black syes attach undue importance to the condition. The average person of any age or sex, seeing any other possible personage wearing a "lamp" of any shade or tint, jumps at once to the conclusion that somebody has "handed him one."

Whether office work is being performed by girls or old men, the fact remains that boys are scarce. In future years antohography writers will not have occession to record that the successful merchant eta-red his business career by sweeping the office floor and cleaning the windows.

Then, where can we look for the proprietor of tomorrow, if by force of circumstances the few office boys now at work are not of the right material? Perhaps the business schools will turn out graduates better equipped for rapid promotion in mercantile lines. Yet any method of diveloping maliance, it is a source of discomfort and hundled the rough knocks, and the long hours, will be lacking in many valuable untilities which helped build and perfected the character and success of many of the bresent day proprietors.

Office Boy Is Now a Boss; Will Not Be in the Future. positions. The substitution of girls is made

TLL the office boy of yesterday or today be the proprietor of tomorrow?

culties experienced by business men to get and retain satisfactoryoffice buys the answer is "No!" The supply of good office buys seems to be exhausted. There are plenty of boys, but not of the right stock. Occasionally here and there may be found

an exception.

The proprietors of today, who were the ofan exception.

The proprietors of today, who were the office boys of yesterday, invariably came from the farm or small town, where they were trained to do work willingly and labor long hours. Fresh air, plain diet, and example of industry and frugality as set by his parents gave the country boy a strong constitution and a determination worth more than capital in the fast growing cities. No work was too hard for him, no hours too long. He was at the store or office before the proprietor arrived. The country boy was giad of an opportunity to work extra time for the experience it gave him, and in doing so he never thought of overtime pay. The experience was the valued thing desired, not a few pairty dollars. Often the boy worked merely for his clothes and board, and was thankful for the opportunity given him to learn a business.

Conditions Have Changed. Conditions Have Changed.

Conditions in the country twenty-flyey years ago were different from now. Large families and a scarcity of money compelled the boys to leave the farm at an early age and seek employment in the cities. By training and example they had laid the foundation for business success.

ness success.
With the introduction of labor saving ma-

By William W. Hiscox.

sommunities is being trained for the profestations. Commercial pursuits are the losers stand retain satisfactory office buys as and retain satisfactory office buys as thereby. Not all country boys, however, go to college before may be found alton.

Not all country boys, however, go to college the city, go and of an opportunity and chance ally here and there may be found alton.

The supply of good by seems to be exhausted. There are the city, go and of an opportunity and chance ally here and there may be found alton.

Sommunities is being trained for the professions. Commercial pursuits are the losers stone, compared by a law that prohibits beyon the city, go and of an opportunity and chance and there may be found alton.

Sommunities is being trained for the professions. Commercial pursuits are the losers stone, consider by the college to do in order to draw his spay. When the proprietor wants him he city, go and of an opportunity and chance and the tity and from the result of the city, go and of an opportunity and chance and the city, go and of an opportunity and chance and the city, and o

possible because of the offices in large build-ings being cleaned by the janitors, thus doing away with the heretofore disagreeable fea-ture of the work. Again, girls 10 and over will work for a dollar less than boys of the samo age.

Girls Becoming Office "Boys."

Another reason why so many young girls are employed in offices is that there is a large army of them glad to have such an opporarmy of them glad to have such an opportunity. The hours are shorter than in a
factory or store, the work lighter, and the
chances of meeting young men with marrying intentions are much better. Economical reasons also compel a larger percentage
of girle than boys to begin toil early. They
come from respectable but poor families,
where all the surplus money is expended on
the education of the sons, and the daughters
are put to work. At any rate, the girls
prove themselves quick and willing, and can
be depended on to do what is expected of
them. In a few offices old men who have mad
with financial reverses fill the position of with financial reverses fill the position of